



## CONTENTS OF VOLUME 36

### *Number 1*

The Role of the Physical Factors Involved in Sound-Attenuation Characteristics of Ear Muffs . . . . .	1
J. PFRETZSCHNER, A. MORENO & C. COLINA (Spain)	
The Combined Sound Attenuation of Earplugs and Earmuffs . . . . .	19
SHARON M. ABEL & NADINE M. ARMSTRONG (Canada)	
Fluid-Structure Coupling in Underwater Sonar Arrays with Piston Type Transducers . . . . .	31
Y. W. LAM (UK)	
An Evaluation of Procedures for Determining the Attenuation of Hearing Protectors . . . . .	51
T. I. HEMPSTOCK, N. J. EDWARDS & K. NEEDHAM (UK)	
<b>Technical Note</b>	
Acoustics of Swimming Pools: Improvements with Arrays of Small Loudspeakers . . . . .	75
D. C. STEVENSON (New Zealand)	
Calendar . . . . .	85

### *Number 2*

Influence of an Embarked Spring-Mass System and Defects on the Acoustical Radiation of a Cylindrical Shell . . . . .	87
E. REBILLARD, B. LAULAGNET & J. L. GUYADER (France)	
A Facility and Test Procedure Designed for Sound-Power Measurement by the Point-to-Point Intensity Technique . . . . .	107
R. W. GUY & J. LI (Canada)	
Mathematical Model of a Class IV Flexensional Transducer and its Numerical Solution . . . . .	123
Y. W. LAM (UK)	
<b>Technical Notes</b>	
Cooling Rates of the B $\flat$ Trumpet . . . . .	145
PAUL DARLINGTON, ANTHONY SIMPSON (UK) & MICHAEL HRACHOVEC (USA)	

On Spatial Variability in the Attenuation Performance of Active Hearing Protectors . . . . .	159
P. D. WHEELER & D. SMEATHAM (UK)	

Calendar . . . . .	167
--------------------	-----

#### *Numbers 3 & 4*

#### **Special Issue: Auditory Virtual Environment and Telepresence**

Guest Editorial . . . . .	169
Fundamentals of Binaural Technology . . . . .	171
HENRIK MØLLER (Denmark)	
The Application of Binaural Technology . . . . .	219
H. W. GIERLICH (Germany)	
Multichannel Sound Systems for HDTV . . . . .	245
D. J. MEARES (UK)	
Principles of Binaural Room Simulation . . . . .	259
HILMAR LEHNERT & JENS BLAUERT (Germany)	
Binaural Room Acoustics Simulation: Practical Uses and Applications . . . . .	293
JEAN-PAUL VIAN & JACQUES MARTIN (France)	
NNT's Research on Acoustics for Future Telecommunication Services . . . . .	307
MASATO MIYOSHI & NOBUO KOIZUMI (Japan)	
<b>Technical Note</b>	
Teleconferencing System Using Head-Related Signals . . . . .	327
J. E. WEST, J. BLAUERT & D. J. MACLEAN (USA)	
Calendar . . . . .	335

